

Annex R

Abbreviations

AFEAS	Alternative Fluorocarbon Environmental Acceptability Study
AAPFCO	American Association of Plant Food Control Officials
ASAE	American Society of Agricultural Engineers
BEA	Bureau of Economic Analysis, U.S. Department of Commerce
BOD ₅	Biochemical oxygen demand over a 5-day period
BTS	Bureau of Transportation Statistics, U.S. Department of Transportation
Btu	British thermal unit
CAAA	Clean Air Act Amendments of 1990
C&EN	Chemical and Engineering News
CFC	Chlorofluorocarbon
CMA	Chemical Manufacturers Association
CMOP	Coalbed Methane Outreach Program
CVD	Chemical vapor deposition
DIC	Dissolved inorganic carbon
DOC	U.S. Department of Commerce
DOD	U.S. Department of Defense
DOE	U.S. Department of Energy
DOT	U.S. Department of Transportation
EIA	Energy Information Administration, U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
FAA	Federal Aviation Administration
FAO	Food and Agricultural Organization
FCCC	Framework Convention on Climate Change
FHWA	Federal Highway Administration
GAA	Governmental Advisory Associates
GHG	Greenhouse gas
GRI	Gas Research Institute
GSAM	Gas Systems Analysis Model
GWP	Global warming potential
HBFC	Hydrobromofluorocarbon
HCFC	Hydrochlorofluorocarbon
HDGV	Heavy duty gas vehicle
HDDV	Heavy duty diesel vehicle
HFC	Hydrofluorocarbon
HFE	Hydrofluoroethers
ICAO	International Civil Aviation Organization
IEA	International Energy Association
ILENR	Illinois Department of Energy and Natural Resources
IMO	International Maritime Organization
IPAA	Independent Petroleum Association of America
IPCC	Intergovernmental Panel on Climate Change
LDDT	Light duty diesel truck
LDDV	Light duty diesel vehicle
LDGV	Light duty gas vehicle
LDGT	Light duty gas truck
LFG	Landfill gas
LPG	Liquefied petroleum gas(es)
MC	Motorcycle
MMTCE	Million metric tons of carbon equivalent
MSW	Municipal solid waste
NIAR	Norwegian Institute for Air Research
NMVOCs	Nonmethane volatile organic compounds
NO _x	Nitrogen Oxides
NVFEL	National Vehicle Fuel Emissions Laboratory

OAQPS	EPA Office of Air Quality Planning and Standards
ODS	Ozone depleting substances
OECD	Organization of Economic Co-operation and Development
OMS	EPA Office of Mobile Sources
ORNL	Oak Ridge National Laboratory
OSHA	Occupational Safety and Health Administration
OTA	Office of Technology Assessment
PFC	Perfluorocarbon
PFPE	Perfluoropolyether
ppmv	Parts per million(10^6) by volume
ppbv	Parts per billion (10^9) by volume
pptv	Parts per trillion (10^{12}) by volume
SAE	Society of Automotive Engineers
SNG	Synthetic natural gas
TBtu	Trillion Btu
TJ	Terajoule
TSDF	Hazardous waste treatment, storage, and disposal facility
TVA	Tennessee Valley Authority
U.S.	United States
USDA	United States Department of Agriculture
USFS	United States Forest Service
USGS	United States Geological Survey
UNEP	United Nations Environmental Programme
UNFCCC	United Nations Framework Convention on Climate Change
VAIP	EPA's Voluntary Aluminum Industrial Partnership
VMT	Vehicle miles traveled
WMO	World Meteorological Organization